



<b>Substitute for form 1449A-B/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>	<b>Complete if Known</b>	
	Application Number	10/003472
	Filing Date	November 15, 2001
	First Named Inventor	Steven A. Sundberg
	Group Art Unit	1743
	Examiner Name	Unassigned
	Attorney Docket Number	01-054310US
	Date Submitted	September 19, 2002

U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code (if known)			
LYL	AA	5,271,724		Van Lintel	12-21-1993	
LYL	AB	5,277,566		Augustin et al	01-11-1994	
LYL	AC	5,375,979		Trah	12-27-1994	
LYL	AD	5,800,690		Chow et al.	09-01-1998	
LYL	AE	5,942,443		Parce et al.	08-24-1999	
LYL	AF	5,965,410		Chow et al.	10-12-1999	
LYL	AG	6,403,338		Kopf-Sill	06-11-2002	

FOREIGN PATENT DOCUMENTS								
Examiner Initials	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Office	Number	Kind Code (if known)				
	AH	WO	00/43766	✓	Caliper Tech. Corp.	07-27-2000		
	AI	WO	00/45170	✓	Signature Bioscience, Inc.	02-01-2000		
	AJ	WO	00/60108	✓	Caliper Tech. Corp.	10-12-2000		
	AK	WO	00/70080	✓	Caliper Tech. Corp.	11-23-2000		
	AL	WO	94/05414	✓	Regents of the Univ. of California	03-17-1994		
	AM	WO	96/04547	✓	Lockheed Martin Energy Systems, Inc.	02-15-1996		
	AN	WO	97/02357	✓	Affymetrix, Inc.	01-23-1997		
	AO	WO	98/45481		Caliper Tech. Corp.	04-03-1998		
	AP	WO	98/46438		Caliper Tech. Corp.	10-22-1998		
	AQ	WO	98/49548		Caliper Tech. Corp.	11-05-1998		
	AR	WO	99/39190		Signature Bioscience, Inc.	02-01-1999		
	AS	WO	00/45172		Caliper Tech. Corp.	08-03-2000		
	AT	WO	02/22878		Caliper Tech. Corp.	03-21-2002		

Examiner Signature		Date Considered	7/1/04
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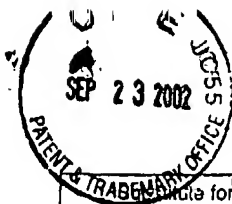


(Modified) PTO/SB/08A-B (2-99)  
Approved for use through 10/31/99. OMB 0651-9002

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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
	AU	Barcelo, F. et al. (1990) "A scanning calorimetric study of natural DNA and antitumoral anthracycline antibiotic-DNA complexes." <u>Chem Biol Interact.</u> 74(3):315-324.	
	AV	Brandts, J. et al. (1990) "Study of strong to ultratight protein interactions using differential scanning calorimetry" <u>Biochem</u> 29:6927-2940.	
	AW	Brandts, J. et al., (1990) <u>American Laboratory</u> , 22:3041+.	
	AX	Chavan, A. et al., (1994) "Interaction of nucleotides with acidic fibroblast growth factor (FGF-1) <u>Biochem.</u> 33(23):7193-7202	
	AY	Checovich et al. (1995), "Fluorescence polarization- a new tool for cell and molecular biology" (product review, <u>Nature</u> 375:354-256.	
LYL	AZ	Clegg, R. et al. (1994) "Observing the helical geometry of double-stranded DNA in solution by fluorescence resonance energy transfer." <u>Proc Natl Acad Sci USA</u> 90(7):2994-2998.	
	BA	Dandliker and de Saussure (1970) (Review Article) "Fluorescence polarization in immunochemistry" <u>Immunochemistry</u> 7:799.	
	BB	Dandliker and Feigen (1961), "Quantification of the antigen-antibody reaction by the polarization of fluorescence" <u>Biochem Biophys Res Commun</u> 5:299.	
	BC	Dandliker W. B., et al. (1973), "Fluorescence polarization immunoassay. Theory and experimental method" <u>Immunochemistry</u> 10:219.	
	BD	Devlin et al. (1993), "Homogeneous detection of nucleic acids by transient-state polarized fluorescence" <u>Clin Chem</u> 39:1939.	
LYL	BE	Gonzalez, M. et al., (1997) "Interaction of Biotin with Streptavidin", <u>J Biol Chem</u> , 272(17):11288-11294	
	BF	Haugland (1996) <u>Handbook of Fluorescent Probes and Research Chemicals</u> Published by Molecular Probes, Inc., Eugene, OR; Chapter 13.	
	BG	Hefti, J. et al. "Sensitive detection method of dielectric dispersions in aqueous-based, surface-bound macromolecular structures using microwave spectroscopy" <u>Applied Phys Letters</u> , 75(12):1802-1804.	
	BH	Jiskoot et al. (1991), "Preparation and application of a fluorescein-labeled peptide for determining the affinity constant of a monoclonal antibody-hapten complex by fluorescence polarization" <u>Anal Biochem</u> 196:421	
	BI	Johnson, W. (1990) "Protein Secondary Structure and Circular Dichroism: A Practical Guide" <u>Proteins</u> 7:205-214.	
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			7/1/04

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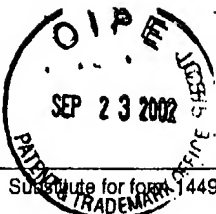


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BJ	Kleanthous, C. et al., (1991) "Stabilization of the shikimate pathway enzyme dehydroquinase by covalently bound ligand" <u>J Biol Chem</u> , 266(17):10893-10898	
BK	Kopp, M. et al. (1998) "Chemical amplification: continuous-flow PCR on a chip" <u>Science</u> 280(5366):1046-1048.	
BL	Kumke et al. (1995), "Hybridization of fluorescein-labeled DNA oligomers detected by fluorescence anisotropy with protein binding enhancement" <u>Anal Chem</u> 67(21):3945-3951.	
BM	Lee, M. et al., (1993) "In vitro cytotoxicity of GC sequence directed alkylating agents related to distamycin" <u>J Med Chem</u> 36(7):863-870.	
BN	Levison S. A., et al. (1976), "Fluorescence polarization measurement of the hormone-binding site interaction" <u>Endocrinology</u> 99:1129.	
BO	Morton, A. et al., (1995) "Energetic origins of specificity of ligand binding in an interior nonpolar cavity of T4 lysozyme." <u>Biochem</u> , 34(27):8564-8575	
BP	Murakami et al. (1991). "Fluorescent-labeled oligonucleotide probes detection of hybrid formation in solution by fluorescence polarization spectroscopy" <u>Nuc Acids Res</u> 19:4097.	
BQ	Nikiforov and Jeong "Detection of Hybrid Formation between Peptide Nucleic Acids and DNA by Fluorescence Polarization in the Presence of Polylysine" (1999) <u>Analytical Biochemistry</u> 275:248-253.	
BR	Ory, J. et al. (1999) "Studies of the Ligand Binding Reaction of Adipocyte Lipid Binding Protein Using the Fluorescent Probe 1,8-Anilino-naphthalene-8-Sulfonate" <u>Biophys</u> 77:1107-1116.	
BS	Pilch, D. et al., (1994) "Ligand-induced formation of nucleic acid triple helices." <u>Proc Natl Acad Sci USA</u> , 91(20):9332-9336.	
BT	Ropson, I. et al. (1997) "Fluorescence spectral changes during the folding of intestinal fatty acid binding protein" <u>Biochem</u> , 36(38):8594-8601.	
BU	Schellman, J. (1975) <u>Biopolymers</u> , 14:999-1018.	
BV	Schellman, J. (1976) <u>Biopolymers</u> , 15:999-1000.	
BW	Schonbrunn, E. et al. (2000) "Structural basis for the interaction of the fluorescence probe 8-anilino-1-naphthalene sulfonate (ANS) with the antibiotic target MurA" <u>Proc Natl Acad Sci USA</u> 97(12):6345-6349.	
BX	Selvin, P. (2000) "The renaissance of fluorescence resonance energy transfer" <u>Nat Struct Biol</u> 7(9):730-734.	
BY	Tyagi, S. et al. (1996) "Molecular beacons: probes that fluoresce upon hybridization" <u>Nat Biotech</u> 14:303-308.	
BZ	Tyagi, S. et al. (1998) "Multicolor molecular beacons for allele discrimination" <u>Nat Biotech</u> 16:49-53.	

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	CA	Walker, J. et al. (1996), "Strand displacement amplification (SDA) and transient-state fluorescence polarization detection of <i>mycobacterium tuberculosis</i> DNA" <u>Clinical Chemistry</u> 42(1):9-13.	
LYL	CB	Weber, P. et al., (1994) "Structure-based design of Synthetic Azobenzene Ligands for Streptavidin" <u>J Am Chem Soc</u> 16:2717-2724.	
	CG	Wei and Herron (1993), "Use of synthetic peptides as tracer antigens in fluorescence polarization immunoassays of high molecular weight analytes" <u>Anal Chem</u> 65:3372.	
	CD	Woody, R. (1985) "Circular Dichroism of Peptides" in <u>The Peptides</u> 7:14-114, Academic Press.	

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